GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA

UNSTARRED QUESTION NO:2502
ANSWERED ON:04.12.2002
CURE FOR INFERTILITY
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Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether a new technique for curing infertility among couples named viz ROSNI (Round Spermatid Nuclear Injection) has been developed, in the field of Test Tube Baby Technique;

(b) if so, the details of the technique and how far it has proved to be successful; and

(c) the steps being taken to promote the technique?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI A. RAJA)

(a) Yes, Sir.

(b) The details of the technique are annexed.

(c) In the light of the available data, it is necessary to go slow in using the technique ROSNI to treat infertility.

ANNEXURE `A`

`ROSNI` is a technique in which the testicular tissue is taken from the male partner.The round spermatids nuclei are extracted and injected into the eggs drawn from the female partner. The fertilized egg or the embryo is transferred back to the uterus. Confirmation of pregnancy is done after 15 days by a blood test.

The pregnancy rate with this technique has been reported (about 5%) very low as compared to the other conventional Test Tube Baby Technique. The reports are not encouraging and the technique has not been universally accepted. Moreover, countries such as U.K. have banned this technique.